

The following Listing of Claims replaces all prior listings, and versions, of claims in the subject patent application.

Listing of the Claims:

1-24 (Canceled).

25. (Previously presented) A method of printing a representation on a print medium of an array of print data pixels comprising the steps of:

processing print data from said array of print data pixels such that it is distributed over an array of super pixels, each super pixel having a print level, according to a distribution function such that the print level of each super pixel is calculated based on a print data contribution from at least two print data pixels and each print data pixel contributes print data to the calculation of print levels for at least two super pixels;

and forming print pixels on the medium such that each print pixel receives print contribution from at least two super pixels; wherein each print pixel corresponds to the area of overlap of said at least two super pixels.

26. (Original) A method according to Claim 25, wherein each super pixel receives a print data contribution from at least three print data pixels.

27. (Original) A method according to Claim 26, wherein the print data contribution varies in sign between said print data pixels.

28. (Previously presented) A method according to Claim 25, wherein the at least two super pixels from which a print pixel receives print contribution, receive print data contributions from different combinations of print data pixels.

29. (Previously presented) A method according to Claim 25, further comprising the step of measuring the print efficiency of each super pixel.

30. (Previously presented) A method according to Claim 29, further comprising distributing the measured print efficiency as print data.

31. (Previously presented) A method of printing a representation on a print medium of an array of print data pixels comprising the steps of distributing print data from said array of print data pixels over an array of super pixels in a distribution function such that each super pixel receives a print data contribution from at least two print data pixels and each print data pixel contributes print data to at least two super pixels; and forming print pixels on the

medium such that each print pixel receives print contribution from at least two super pixels, wherein the step of forming print pixels on the medium such that each print pixel receives print contribution from at least two super pixels comprises the steps at each print pixel of depositing ink in an amount determined by one of the super pixels from which that print pixel receives print contribution and, while that deposited ink remains fluid, depositing ink in an amount determined by an other of the super pixels from which that print pixel receives print contribution.

32. (Previously presented) A method according to Claim 31, comprising depositing the ink by ink jet printing.

33. (Currently amended) A printer comprising an input port adapted to receive an array of print data pixels; a print arrangement for forming overlapping super pixels on a print medium and a print processor adapted to process ~~[[distribute]]~~ print data from said array of print data pixels such that it is distributed over the super pixels ~~[[in]]~~ according to a distribution function such that the print level of each super pixel is calculated based on ~~[[receives]]~~ a print data contribution from at least two print data pixels and each print data pixel contributes print data to the calculation of print levels for at least two super pixels.

34. (Original) A printer according to Claim 33, wherein each super pixel receives a print data contribution from at least three print data pixels.

35. (Original) A printer according to Claim 34, wherein the print data contribution varies in sign between said print data pixels.

36. (Previously presented) A printer according to Claim 33, further comprising a store adapted to hold a measured print efficiency for each super pixel and wherein said distribution function includes the measured print efficiency.

37. (Previously presented) A printer according to Claim 33, wherein the super pixels are formed by ink jet printing.